

# PATENT ABSTRACTS OF JAPAN

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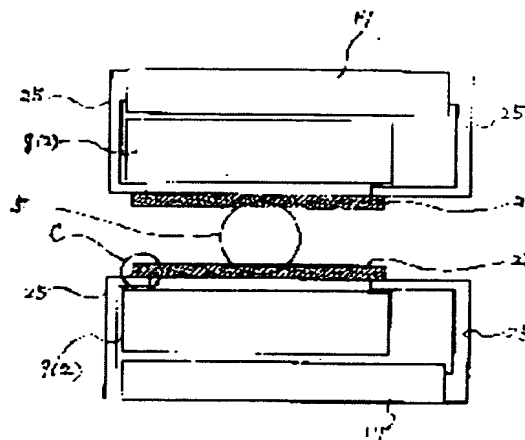
## (54) MAGNETIC RESONANCE IMAGING DEVICE

### (57)Abstract:

PROBLEM TO BE SOLVED: To provide a magnetic resonance imaging device capable of recomposing a stable MR image by suppressing the vibration of a static magnetic field generating source caused by the vibration of an inclined magnetic field coil.

SOLUTION: Vacuum containers 9 enclosing superconductive coils 2 serving as the static magnetic field generating sources are oppositely disposed in a vertical direction with a measuring space 5 held between. Magnetic shields comprising iron plates 17 and iron columns (not shown in the figure) are disposed on the outside, and the inclined magnetic field coils 21 are disposed on the inside. Each inclined magnetic field coil 21 is supported by a support 25 fixed to the iron plate 17.

Since the inclined magnetic field coil 21 is supported separately from the vacuum container 9, the vibration of the inclined magnetic field coil 21 is restrained from being propagated to the static magnetic field generating source.



## LEGAL STATUS

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